



Name: Afeez Oladeji AMOO
B.Eng. (Akure), M.Eng. (Akure)

Academic Rank: Lecturer II

Area of Interest: Hydrology, Environmental Management.

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1. **Place of Birth:** Ibadan
2. **Date of Birth:** 5th October, 1987
3. **State of Origin:** Osun State
4. **Nationality:** Nigerian
5. **Postal Address:** Department of Environmental Sciences,
Federal University Dutse, Ibrahim Aliyu
Way, By Pass, P.M.B 7156 Dutse, Jigawa
State, Nigeria
6. **Educational Institutions Attended (with dates):**
 - (a) **Primary:** Victory Home School, Odeomu, Osun State 1992 - 1997
 - (b) **Secondary:**
 - (i) St Patrick's Grammar School, Gbongan, Osun State 1997 – 2003
 - (ii) Mamak Secondary School, Sagamu, Ogun State 2004 - 2006
 - (c) **Tertiary:**
 - (i) NURTAW Computer Institute, Asaba, Nigeria 2010 - 2011
 - (ii) Federal University of Technology, Akure, Nigeria 2006– 2011
 - (iii) Federal University of Technology, Akure, Nigeria 2013– 2015
 - (iv) Abubakar Tafawa Balewa University, Bauchi, Nigeria 2017 – T. Date
7. **Qualifications (with dates)**
 - (a) **Academic:**
 - (i) PhD. in Environmental Management Technology (In-view)
 - (ii) Masters of Engineering in Civil and Environmental Engineering,
(Water Resources and Environmental Engineering Option) 2015
 - (iii) Bachelor of Engineering in Civil and Environmental Engineering,
(Construction Engineering Option) 2011
 - (iv) Diploma in Computer Studies 2010
 - (v) West African Examination Council (W.A.E.C / 'O'-Level) 2006

8. Professional Membership:

- Member Nigerian Society of Engineers (MNSE)
- Member Council for the Regulations of Engineering (COREN) R.Eng.

9. Workshop Training

The Nigerian Society of Engineers Workshop on Engineering Education:

A Three (3) Continuing Professional Education Workshop for Prospective Corporate Members. 23RD – 25TH March, 2016

10. Work Experience:

(a) Lecturer II: Department of Environmental Sciences
Federal University Dutse, Jigawa State.

(Oct. 2017 – Till Date)

(b) Assistant Lecturer: Department of Environmental Sciences
Federal University Dutse, Jigawa State.

(Dec. 2015 – Oct. 2017)

(c) Research Assistant: Department of Civil and Environmental Engineering,
Federal University of Technology, Akure, Nigeria,

(Feb. 2014 – June 2015)

- Carry out supervision of tests and examinations.
- Assisting in marking of students' scripts.
- Conducting and tutoring in tutorial classes.

Others:

2012 - 2013 HONS Nigeria Limited, Oshogbo Site Office, Osun State

- Supervision of various projects within the site
- Distribution of relevant materials within the site

2011 – 2012 RHAS Construction Nigeria Limited, Owerri, Imo State.

- Corp Member (Assistant Engineer)

2010 - 2011 Deenlaw Consultants Limited, Asaba, Delta State.

- Six months Industrial Trainee Attachment (Assisting Site Engineer)

11. Scientific Papers Published:

Amoo, A.O., Ijanu, E.M., Adeleye, A.O. and Okoli, C.S. (2017). An Assessment of Flow through Porous Media to Determine its Index Properties in Osun River Sand, Osogbo, Osun State, Nigeria. *Dutse Journal of Pure and Applied Sciences (DUJOPAS)* Vol. 3. No.1: Pp. 96-107.

Ijanu, E.M., **Amoo, A.O.**, Adeleye, A.O. and Kwada, D.A. (2017). Evaluation of the Potential Effects of Oil Exploration on Groundwater Quality in Chad Basin, Nigeria. *Dutse Journal of Pure and Applied Sciences (DUJOPAS)*. Vol. 3, No. 1: Pp 380 – 389.

Ahijo, T. M., Ijanu, E. M., Abdullahi, I.K. and **Amoo, A.O.** (2017). Harnessing the Role of Corporate Social Responsibility (CSR) in Environmental Awareness and Environmental Management in Jigawa State. *Dutse Journal of Pure and Applied Sciences (DUJOPAS)* Vol. 3. No.1: 29 - 46.

Adeleye, A. O., Omokhudu, G. I, **Amoo, A. O.** and Nkereuwem, M. E. (2017). Assessment of Yeast Androgen Assay in Detecting Androgenicity and Anti-androgenicity Activity of some Selected Homemade Compost Sample Extracts. *International Journal of Applied Research and Technology*. 6(8): 82 – 90.

Amoo, A. O., Adeleye, A. O., Ijanu, E. M., Omohudu, G. I. and Okoli, C. S. (2017). Assessment of the Efficiency of WUPA Waste-water Treatment Plant in Federal Capital Territory Abuja, Nigeria. *International Journal of Applied Research and Technology*. 6(9): 3 – 9.

Amoo, A.O., Zakari, A.W., Ijanu, E.M., Adeleye, A.O. and Amoo, N.B. (2017). Physicochemical and Bacteriological Assessment of Surface Water Quality: A case study of Jakara River, North-western Nigeria. *International Journal of Applied Research and Technology*. 6(9): 65 – 74.

Adeleye, A.O; Nkereuwem, M.E; Omokhudu, G.I; **Amoo, A.O**; Shiaka, G.P; Yerima, M.B. (2018). A Review Paper on the Effect of Microorganisms in the Bioremediation of Spent Engine Oil and Petroleum Related Environmental Pollution. *J. Appl. Sci. Environ. Manage.* Vol. 22 (2) 157 – 167

Olujide, H.M., Amoo, N.B., Oguntayo, S.M., Aroge, S.K., and **Amoo, A.O.** (2018). Geospatial Analysis of Land Use and Land Cover Dynamics in Akure, Nigeria. *Dutse. Journal of Pure and Applied Sciences (DUJOPAS)*. Vol. 4, No. 1: Pp 379 – 393.

Amoo, A.O., Gambo, Y.H., Adeleye, A.O. and Amoo, N.B. (2018). Assessment of Groundwater Quality in Sharada Industrial Area of Kano, North-Western, Nigeria. *FUW Trends in Science & Technology Journal (FTSTJ)*. Vol 3 No. 2A pp. 407 – 411.

Hassan, A., Kura, N.U., **Amoo, A.O.**, Adeleye, A.O., Ijanu, E.M., Bate, G.B., Amoo, N.B. and Okunlola, I.A. (2018). Assessment of Landfill Induced Ground Water Pollution of Selected

Boreholes and Hand-Dug Wells around Ultra-Modern Market Dutse North-West, Nigeria. *The Environmental Studies. A multidisciplinary Journal* Vol. 1. Iss. 4: Pp 1-10.

Adeleye, A.O., Orifah, M.O, **Amoo, A.O.**, Ijanu, E.M., Shuaibu, S.J. and Hassan, A. (2018). Artisans' Knowledge and Perception on Hand-Dug Well Waterborne Related Diseases in Dutse Mechanic Village North-West, Nigeria. *J. Appl. Sci. Environ. Manage.* Vol. 22 (10) 1603–1607.

Adeleye, A.O., **Amoo, A.O.**, Omokhudu, G.I., Hassan, A., Olatomiwa, O.J and Zakariyya, M.K. (2018). Indoor Air Quality Assessment of Federal University Dutse Library North West, Nigeria. *J. Appl. Sci. Environ. Manage.* Vol. 22 (10) 1621–1624.

Adeleye, A. O., Balogun, J. B., Ijanu, E.M., Balogun S.U., **Amoo A.O.** and Dogara M.M. (2018). Studies on Antimicrobial Effects of Chromatographic Separated Active Components of *Moringa Oleifera* Seed Extract. *Dutse Journal of Pure and Applied Sciences (DUJOPAS)*, Vol. 4 No. 2:10-17.

Amoo, A.O., Adeleye, A.O., Bate, G.B., Okunlola, I.A. and Hambali, I.B. (2018). Water Quality Assessment of Selected Boreholes in Federal University Dutse Campus North-West, Nigeria. *UMYU Journal of Microbiology Research (UJMR)*, Vol. 3. No. 2: 20-26.

Okareh, O.T., Umar, H.O., Adeleye, A.O., Alabi, A.O. and **Amoo, A.O.** (2018). Physicochemical and Bacteriological Quality Assessment of Pipe-Borne Barnawa Community North-west, Nigeria. *FUOYE Journal of Pure and Applied Sciences (FJPAS)* Vol. 3 (1) Pp 246 – 256.

Adeleye, A.O., Yalwaji, B., Shiaka, G.P., **Amoo, A.O.** and Udochukwu, C.C. (2019). Bacteriological Quality of Fresh-cut Ready to eat Vegetables Sold in Dutse Market North-west, Nigeria. *FUW Trends on Science and Technology Journal (FTSTJ)* Vol. 4. No 1. Pp. 054 – 057.

Raji, M., Amoo, F.K., Adeleye, A.O., **Amoo, A.O.**, Bate, G.B. and Mohammed, S. (2019). Identification and Anti-bacterial Testing of *Staphylococcus aureus* Isolated from Jollof Rice sold at Selected Cafeterias in Federal University Dutse Campus, jigawa State. *UJMR*, Vol. 4. No. 1: 104 – 109.

12. Conferences Attended:

Adeleye, A.O., **Amoo, A.O.**, Ijanu, E.M., Shuaibu, S.J. and Yalwaji, B. (2019). Bacteriological Quality Assessment of Hand-dug wells in Mechanic Village Dutse North-west, Nigeria, and Presented at **EKSU HUMBOLOT KOLLEG 2019 International Conference (EKHK-P0025)**

13. Project Research Topics

2011: Evaluation and Suitability of Laterite, Sand and Cement in Building Construction.
(Final Year Project)

2015: Analysis of Flow through Porous Media: A case study of Osun River Sand
Osogbo. **(Master Project)**

2017: Industrial Process for Wastewater Treatment and Reuse: A Framework for
Synthesis and Design in Sugar Industry **(On-going PhD. Research Project)**

14. Extra Curriculum Activities

(a) Within the University: Reading, Football, Researching, and
Tutoring.

(b) Outside the University: Troubleshooting (mainly computers),
Meeting People, Traveling and Politics.

15. Courses That I Currently Teach:

- Introduction to Rural and Urban Systems
- Elements of Hydrology
- Mining and the Environment
- Environmental Geosciences
- Water Resources of Nigeria
- Principles and Practices of Environmental Impact Assessment (EIA)
- Soil and Water Analysis
- Principles of Soil and Water Conservation
- Water Quality Assessment
- Waste Management